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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 16:20:34 ; Search time 247.669 Seconds  
(without alignments)  
10774.128 Million cell updates/sec

Title: US-09-625-573-3  
Perfect score: 1979  
Sequence: 1 CAGGACTGCTGAGACAGC.....ATATGCAATATAAAATTAG 1979

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 845702 seqs, 674182571 residues

Total number of hits satisfying chosen parameters: 1691404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications, NA.\*

- 1: /cgn2.6/ptodata/1/pubpna/US07\_PUBCOMB.seq.\*
- 2: /cgn2.6/ptodata/1/pubpna/US06\_NEW\_PUB.seq.\*
- 3: /cgn2.6/ptodata/1/pubpna/US06\_NEW\_PUB.seq.\*
- 4: /cgn2.6/ptodata/1/pubpna/US06\_PUBCOMB.seq.\*
- 5: /cgn2.6/ptodata/1/pubpna/US07\_NEW\_PUB.seq.\*
- 6: /cgn2.6/ptodata/1/pubpna/US07\_PUBCOMB.seq.\*
- 7: /cgn2.6/ptodata/1/pubpna/US08\_NEW\_PUB.seq.\*
- 8: /cgn2.6/ptodata/1/pubpna/US08\_PUBCOMB.seq.\*
- 9: /cgn2.6/ptodata/1/pubpna/US09\_NEW\_PUB.seq.\*
- 10: /cgn2.6/ptodata/1/pubpna/US09\_PUBCOMB.seq.\*
- 11: /cgn2.6/ptodata/1/pubpna/US10\_NEW\_PUB.seq.\*
- 12: /cgn2.6/ptodata/1/pubpna/US10\_PUBCOMB.seq.\*
- 13: /cgn2.6/ptodata/1/pubpna/US60\_NEW\_PUB.seq.\*
- 14: /cgn2.6/ptodata/1/pubpna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	1943.8	98.2	143068	10	US-09-967-768A-316
2	1081.4	54.6	1083	10	US-09-131-827A-1
3	1079.8	54.6	1083	10	US-09-131-827A-19
4	704.6	35.6	1059	12	US-10-106-623-19
5	703.4	35.5	1225	10	US-09-813-653-14
6	703.4	35.5	1376	9	US-10-086-814-2
7	703.4	35.5	1376	10	US-09-796-202-2
8	703.4	35.5	1477	10	US-09-759-841-1
9	703.4	35.5	1477	10	US-09-938-719-2
10	703.4	35.5	1477	10	US-09-939-226-2
11	703.4	35.5	1477	10	US-09-938-703-2
12	703.4	35.5	3383	9	US-09-734-221A-13
13	703.4	35.5	3383	12	US-10-106-623-1
14	701.8	35.5	1225	10	US-09-813-653-16
15	701.8	35.5	1414	9	US-10-232-686-1
16	701.8	35.5	1414	10	US-09-725-285-1
17	701.8	35.5	1414	10	US-09-195-662A-1
18	701.8	35.5	1414	10	US-09-339-912A-1
19	701.8	35.5	1414	10	US-09-502-783A-1

20	700.2	35.4	1414	10	US-09-779-879A-1	Sequence 1, Appli
21	700.2	35.4	1414	10	US-09-779-880A-1	Sequence 1, Appli
22	697.6	35.3	1056	10	US-09-779-879A-21	Sequence 21, Appli
23	697.6	35.3	1056	10	US-09-779-880A-21	Sequence 21, Appli
24	683.4	34.5	1442	10	US-09-938-719-3	Sequence 3, Appli
25	683.4	34.5	1442	10	US-09-938-719-3	Sequence 3, Appli
26	683.4	34.5	1442	10	US-09-938-703-3	Sequence 3, Appli
27	376	19.0	792	10	US-09-938-719-1	Sequence 1, Appli
28	376	19.0	792	10	US-09-939-226-1	Sequence 1, Appli
29	376	19.0	792	10	US-09-938-703-1	Sequence 1, Appli
30	350.2	17.7	1689	10	US-09-931-381A-15	Sequence 15, Appli
31	350.2	17.7	1717	10	US-09-964-824A-100	Sequence 100, App
32	350.2	17.7	1915	12	US-10-106-623-3	Sequence 3, Appli
33	348.8	17.6	1065	9	US-09-922-895-2	Sequence 2, Appli
34	341	17.2	3426	9	US-10-001-835-29	Sequence 29, Appli
35	304	15.4	1607	9	US-10-120-394-19	Sequence 19, Appli
36	299	15.1	1607	9	US-09-764-413-19	Sequence 19, Appli
37	277.2	14.0	1677	10	US-09-837-446-1	Sequence 1, Appli
38	268.4	13.6	1487	10	US-09-917-800A-1445	Sequence 1445, Ap
39	268.4	13.6	1487	10	US-09-789-482-3	Sequence 3, Appli
40	268.4	13.6	1487	10	US-09-789-486-3	Sequence 3, Appli
41	266.8	13.5	3100	10	US-09-954-456-267	Sequence 267, App
42	266.8	13.5	3100	10	US-09-954-456-945	Sequence 945, App
43	266.8	13.5	3100	10	US-09-954-456-1588	Sequence 1588, Ap
44	261.2	13.2	1586	10	US-09-104-792-1	Sequence 1, Appli
45	181.6	9.2	1050	10	US-09-912-025-1	Sequence 1, Appli

## ALIGNMENTS

RESULT 1  
US-09-967-768A-316  
; Sequence 316, Application US/09967768A  
; Patent No. US20020150877A1  
; GENERAL INFORMATION:  
; APPLICANT: Augustus, Meena  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Si  
; TITLE OF INVENTION: Sets  
; FILE REFERENCE: 689290-72  
; CURRENT APPLICATION NUMBER: US/09/967,768A  
; CURRENT FILING DATE: 2001-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,109  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,034  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,111  
; PRIOR FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 325  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 316  
; LENGTH: 143068  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-967-768A-316

Query Match	98.2%;	Score 1943.8;	DB 10;	Length 143068;
Best Local Similarity	99.9%;	Pred. No. 0;		
Matches 1945;	Conservative	0;	Mismatches	2;
			Indels	0;
			Gaps	0;
Qy	27	CTGACACAGAGAAAGTGGATTGAACAGGACGCGTCCAGTACATCCACACATGCTG	86	
Db	46052	CAGAACAGAGAAAGTGGATTGAACAGGACGCGTCCAGTACATCCACACATGCTG	46111	
Qy	87	TCCACATCTCGTCTCGTTCATCAGAAATACCAACGAGAGCGGTGAAGAGTCCACACC	146	
Db	46112	TCCACATCTCGTCTCGTTCATCAGAAATACCAACGAGAGCGGTGAAGAGTCCACACC	46171	
Qy	147	TTTTTTGATTATGATTAGGCTGCTCCCTGTCTATAAATTTGACGTGAAGCAAAATGGGGCC	206	
Db	46172	TTTTTTGATTATGATTAGGCTGCTCCCTGTCTATAAATTTGACGTGAAGCAAAATGGGGCC	46231	
Qy	207	CAACTCCTGCTCCGCTCTACTCGTGGTGTCTCTTTGGTTTGTGGGCAACATGCTG	266	





QY 621 TGCAGAAAGATCTGTTATGCTGTGGCCCTTATTTTCCACGAGGATGGAATAAT 680  
Db 541 TGCAGAAAGATCTGTTATGCTGTGGCCCTTATTTTCCACGAGGATGGAATAAT 600  
QY 681 TTCCACACATATAGAGAACATTTTGGGCTGTCTCGCGCTGCTCATCATGCTCATC 740  
Db 601 TTCCACACATATAGAGAACATTTTGGGCTGTCTCGCGCTGCTCATCATGCTCATC 660  
QY 741 TGTACTCGGAAATCTGAAACCCCTGCTTCGGGTGTCGAACAGAGAGAGGATAGG 800  
Db 661 TGTACTCGGAAATCTGAAACCCCTGCTTCGGGTGTCGAACAGAGAGAGGATAGG 720  
QY 801 GCAGTGAGAGTATCTTCCACCATCATGATGTTTACTTCTCTTGGACTCCCTATAAT 860  
Db 721 GCAGTGAGAGTATCTTCCACCATCATGATGTTTACTTCTCTTGGACTCCCTATAAT 780  
QY 861 ATTGCTATCTCTGAAACCCCTTCCAGGAATCTTCGGCTGAGTACTGTAAGCACC 920  
Db 781 ATTGCTATCTCTGAAACCCCTTCCAGGAATCTTCGGCTGAGTACTGTAAGCACC 840  
QY 921 AGTCACTGGACCAAGCCAGGAGTGCAGAGACTTTCGGATGACTCACTGCTGCATC 980  
Db 841 AGTCACTGGACCAAGCCAGGAGTGCAGAGACTTTCGGATGACTCACTGCTGCATC 900  
QY 981 AATCCCATCATATGCTTCCTGCTTGGGAGAGTTCAGAGGATCTCTCGGTGTTCTTC 1040  
Db 901 AATCCCATCATATGCTTCCTGCTTGGGAGAGTTCAGAGGATCTCTCGGTGTTCTTC 960  
QY 1041 CGAAGACATACCAAGCGCTTCTGCAACCAATGTCCAGTTTCTACAGGGAGACAGTG 1100  
Db 961 CGAAGACATACCAAGCGCTTCTGCAACCAATGTCCAGTTTCTACAGGGAGACAGTG 1020  
QY 1101 GATGAGTGACTTCAACAAACAGCGCTTCCACTGGGAGCAGAAATCTCGGCTGTTTA 1160  
Db 1021 GATGAGTGACTTCAACAAACAGCGCTTCCACTGGGAGCAGAAATCTCGGCTGTTTA 1080  
QY 1161 TAA 1163  
Db 1081 TAA 1083

## RESULT 4

US-10-106-623-19  
; Sequence 19, Application US/10106623  
; Patent No. US2002015088A1  
; GENERAL INFORMATION:  
; APPLICANT: Gray, Patrick W.  
; Schweickart, Vicky L.  
; Raport, Carol J.  
; TITLE OF INVENTION: Chemokine Receptor Materials and Methods  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 S. Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10106,623  
; FILING DATE: 26-Mar-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/771,276  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. US2002015088A1and, Greta E.  
; REGISTRATION NUMBER: 35,302

; REFERENCE/DOCKET NUMBER: 27866/33670  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-474-6300  
; TELEFAX: 312-474-0448  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1059 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..1056  
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
US-10-106-623-19

Query Match 35.6%; Score 704.6; DB 12; Length 1059;  
Best Local Similarity 81.4%; Pred. No. 1.le-201;  
Matches 834; Conservative 0; Mismatches 179; Indels 12; Gaps 1;

QY 151 TTGATTATGATTACGGTCTCCCTGTCATAAAATTTGACGTGAAGCAAAATTTGGGGCCCAAC 210  
Db 35 TCGATTATTATACATCGGAACCCCTGCCAAAAAATCAATGTAACAAATCGCAGCCGCC 94  
QY 211 TCCTGCCCTCCCTCTACTCGCTGGTGTTCATCTTTGTTGTTTGGGCAACATGCTGGTCG 270  
Db 95 TCCTGCCCTCCCTCTACTCGCTGGTGTTCATCTTTGTTGTTTGGGCAACATGCTGGTCG 154  
QY 271 TCCTCATCTTAACTGCAAAAGCTGAAAGTGTCTGACTGACATTTACCTGCTCAACC 330  
Db 155 TCCTCATCTTAACTGCAAAAGCTGAAAGTGTCTGACTGACATTTACCTGCTCAACC 214  
QY 331 TGGCCATCTCGACTGCTTTTCTTATTCTTCCCAATTTGGGCTCACTGCTGCAAC 390  
Db 215 TGGCCATCTCGACTGCTTTTCTTATTCTTCCCTTCTGCTGCTGCTGCTGCTGCTG 274  
QY 391 ATGAGTGGGTCTTTGGGAATGCAAAATGTCACAGGGCTGTATCATCATCGTT 450  
Db 275 CCCAGTGGGACTTTGGAAATACATGTCACTCTTGACAGGGCTCTATTTATAGCT 334  
QY 451 ATTTTGGCGGAATCTTCTCATCATCTCTGCAATCATGATGATGATGATGATGATG 510  
Db 335 TCTTCTCTGGAATCTTCTTCTATCATCTCTCTCCAGGAATCACTTTACAGATCTCAGAG 394  
QY 511 ATGCTGTGTTTGTCTTAAAGCCAGGACGCTACCTTTGGGGTGGTGCACAGTGTGATCA 570  
Db 395 ATGCTGTGTTTGTCTTAAAGCCAGGACGCTACCTTTGGGGTGGTGCACAGTGTGATCA 454  
QY 571 CTTGGTGGTGGTGTGTTTGTCTTCTTCCAGGAATCATCTTTTACTAAATGCCAAGAG 630  
Db 455 CTTGGTGGTGGTGTGTTTGTCTTCTTCCAGGAATCACTTTTACAGATCTCAGAGAG 514  
QY 631 AGATTCTGTTTATGCTGTGGGCCCTTATTTTCCA-----CGAGGATGGAATA 678  
Db 515 AAGGTCTTCACTACACTGCAGCTCTCATTTTCCATACAGTCACTATCAATTCCTGGAAGA 574  
QY 679 ATTTCACACAAATATGAGGAACATTTTGGGCTGGTCTTCCAGGAATCATCTTTTACTAAATGCCAAGAG 738  
Db 575 ATTTCAGACATTAAGATGTTTGGGCTGGTCTTCCAGGAATCATCTTTTACTAAATGCCAAGAG 634  
QY 739 TCTGCTACTCGGGAATCCTGAAACCCCTGCTTGGGTGTCGAACAGGAGAGAGGAGGATA 798  
Db 635 TCTGCTACTCGGGAATCCTGAAACCCCTGCTTGGGTGTCGAACAGGAGAGAGGAGGATA 694  
QY 799 GGCAGTGAGAGTCACTTCCACCATCATGATGTTTACTTCTTCTTCTGACTCCCTATA 858  
Db 695 GGCAGTGAGAGTCACTTCCACCATCATGATGTTTACTTCTTCTTCTGACTCCCTATA 754  
QY 859 ACATTGCTATCTTCTTCCAGACCTTCCAGGAATTTCTTCCGCTGAGTAACTGTAAGACA 918  
Db 755 ACATTGCTATCTTCTTCCAGACCTTCCAGGAATTTCTTCCGCTGAGTAACTGTAAGACT 814



Query Match 35.5%; Score 703.4; DB 9; Length 1376;  
Best Local Similarity 80.5%; Pred. No. 3e-201;  
Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY 154 ATTATGATTAACGGTCTCCCTGTCATATAAATTTGACGTGAAGCAAAATTTGGGGCCCAACTCC 213  
DB 277 ATTATATACATCGGAGCCCTGCCAAAATAATCAATGTGAAGCAAAATCGCAGCCCGCTCC 336

QY 214 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGGCAACATGCTGTCGTC 273  
DB 337 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGGCAACATGCTGTCGTC 396

QY 274 TCATCTTAATAAAGCTGAAGTGTCTGACATGACATTTACTGCTCAACCTGG 333  
DB 397 TCATCTGATAAAGCTGAAGTGTCTGACATGACATTTACTGCTCAACCTGG 456

QY 334 CCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGCTGGCTCACTGCTGCAATG 393  
DB 457 CCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGCTGGCTCACTGCTGCAATG 516

QY 394 AGTGGTCTTTGGGAATGAATGTCAAAATTTATCAAGGCTGTATCAATCGGTTATT 453  
DB 517 AGTGGGACTTTGGAAATACATGTCAACTCTTGACAGGCTCTATTTATAGGCTTCT 576

QY 454 TTGGCGGAATCTTCTTCAATCACTCTGACATGACATGACATGACATGACATG 513  
DB 577 TCTCTGGAATCTTCTTCAATCACTCTGACATGACATGACATGACATGACATG 636

QY 514 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 573  
DB 637 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 696

QY 637 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 696  
DB 756 GGTGTGGTGGTGTGTTGGCTCTCTCCAGGAATCTTTTGGGCTGATTTGACAGTGTGATCACT 756

QY 756 GGTGTGGTGGTGTGTTGGCTCTCTCCAGGAATCTTTTGGGCTGATTTGACAGTGTGATCACT 756  
DB 861 ATTCCTGTTTATCTGCTGGCCCTTATTTTCCA-----CGAGATGGAATAAT 861

QY 861 ATTCCTGTTTATCTGCTGGCCCTTATTTTCCA-----CGAGATGGAATAAT 861  
DB 981 GTCCTTCAATACCTGACGCTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAAGAAAT 816

QY 981 GTCCTTCAATACCTGACGCTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAAGAAAT 816  
DB 1041 TCCACACAATAATAGGAAACATTTTGGGCTGGTCTGCTGCTGCTGCTGCTGCTGCT 741

QY 1041 TCCACACAATAATAGGAAACATTTTGGGCTGGTCTGCTGCTGCTGCTGCTGCTGCT 741  
DB 876 TCCAGACATTAAGATAGTCACTTTGGGGTGGTCTGCTGCTGCTGCTGCTGCTGCTGCT 876

QY 876 TCCAGACATTAAGATAGTCACTTTGGGGTGGTCTGCTGCTGCTGCTGCTGCTGCTGCT 876  
DB 801 GTTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 801

QY 801 GTTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 801  
DB 936 GCTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 936

QY 936 GCTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 936  
DB 1296 CAGTGAGAGTCACTTTCAACCATCATGATGTTTACTTCTTCTTCTGACTCCCTATAACA 861

QY 1162 AAAACGAGGAGCAGTTTGTATTGT 1184  
DB 1297 GACACGGACTCAAGTGGGCTGGT 1319

RESULT 7  
US-09-796-202-2  
; Sequence 2, Application US/09796202  
; Patent No. US20020068813A1  
; GENERAL INFORMATION:  
; APPLICANT: Dragic, Tatjana  
; APPLICANT: Olson, William  
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION  
; FILE REFERENCE: 2048/61010/JPM/SHS  
; CURRENT APPLICATION NUMBER: US/09796, 202  
; CURRENT FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 1376  
; TYPE: DNA  
; ORGANISM: human  
US-09-796-202-2

Query Match 35.5%; Score 703.4; DB 10; Length 1376;  
Best Local Similarity 80.5%; Pred. No. 3e-201;  
Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY 154 ATTATGATTAACGGTCTCCCTGTCATATAAATTTGACGTGAAGCAAAATTTGGGGCCCAACTCC 213  
DB 277 ATTATATACATCGGAGCCCTGCCAAAATAATCAATGTGAAGCAAAATCGCAGCCCGCTCC 336

QY 214 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGGCAACATGCTGTCGTC 273  
DB 337 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGGCAACATGCTGTCGTC 396

QY 274 TCATCTTAATAAAGCTGAAGTGTCTGACATGACATTTACTGCTCAACCTGG 333  
DB 397 TCATCTGATAAAGCTGAAGTGTCTGACATGACATTTACTGCTCAACCTGG 456

QY 334 CCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGCTGGCTCACTGCTGCAATG 393  
DB 457 CCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGCTGGCTCACTGCTGCAATG 516

QY 394 AGTGGTCTTTGGGAATGAATGTCAAAATTTATCAAGGCTGTATCAATCGGTTATT 453  
DB 517 AGTGGGACTTTGGAAATACATGTCAACTCTTGACAGGCTCTATTTATAGGCTTCT 576

QY 454 TTGGCGGAATCTTCTTCAATCACTCTGACATGACATGACATGACATGACATG 513  
DB 577 TCTCTGGAATCTTCTTCAATCACTCTGACATGACATGACATGACATGACATG 636

QY 514 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 573  
DB 637 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 696

QY 637 CTGCTGCTGCTTAAAGCCAGGCTGACCTTTGGGGTGGTGACAGTGTGATCACT 696  
DB 756 GGTGTGGTGGTGTGTTGGCTCTCTCCAGGAATCTTTTGGGCTGATTTGACAGTGTGATCACT 756

QY 756 GGTGTGGTGGTGTGTTGGCTCTCTCCAGGAATCTTTTGGGCTGATTTGACAGTGTGATCACT 756  
DB 861 ATTCCTGTTTATCTGCTGGCCCTTATTTTCCA-----CGAGATGGAATAAT 861

QY 861 ATTCCTGTTTATCTGCTGGCCCTTATTTTCCA-----CGAGATGGAATAAT 861  
DB 981 GTCCTTCAATACCTGACGCTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAAGAAAT 816

QY 981 GTCCTTCAATACCTGACGCTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAAGAAAT 816  
DB 1041 TCCACACAATAATAGGAAACATTTTGGGCTGGTCTGCTGCTGCTGCTGCTGCTGCT 741

QY 1041 TCCACACAATAATAGGAAACATTTTGGGCTGGTCTGCTGCTGCTGCTGCTGCTGCT 741  
DB 876 TCCAGACATTAAGATAGTCACTTTGGGGTGGTCTGCTGCTGCTGCTGCTGCTGCTGCT 876

QY 876 TCCAGACATTAAGATAGTCACTTTGGGGTGGTCTGCTGCTGCTGCTGCTGCTGCTGCT 876  
DB 801 GTTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 801

QY 801 GTTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 801  
DB 936 GCTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 936

QY 936 GCTACTCGGGAAATCTTAAAGCTCTGCTTCCGGTGTGCAAGTGTGCAAGTGTGCAAGTGTG 936  
DB 1296 CAGTGAGAGTCACTTTCAACCATCATGATGTTTACTTCTTCTTCTGACTCCCTATAACA 861









NAME: Altman, Daniel E  
 REGISTRATION NUMBER: 34,115  
 REFERENCE/DOCKET NUMBER: <Unknown>  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1477 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 240..1295  
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 US-09-939-226-2

Query Match 35.5%; Score 703.4; DB 10; Length 1477;  
 Best Local Similarity 80.5%; Pred. No. 3.1e-201;  
 Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTGTCTCCCTGTGTCATTAATTTGAGTGAAGCAAAATTTGGGGCCCAACTCC 213  
 Db 277 ATTATGATTACGGTGTCTCCCTGTGTCATTAATTTGAGTGAAGCAAAATTTGGGGCCCAACTCC 336  
 QY 214 TGCCTCCGCTCTACTCGCTGCTGTTTCATCTTTGTTTGGGCAACATGCTGTCGTC 273  
 Db 337 TGCCTCCGCTCTACTCGCTGCTGTTTCATCTTTGTTTGGGCAACATGCTGTCGTC 396  
 QY 274 TCATCTTAATAAAGTCAAAAGCTGTAAGTGTGACATGACATTTACCTGCTCAACCTGG 333  
 Db 397 TCATCTTAATAAAGTCAAAAGCTGTAAGTGTGACATGACATTTACCTGCTCAACCTGG 456  
 QY 334 CCATCTCGACTGCTTTTCTTATCTATCTCCCATGTTGGGCTCACTCTGCTGCAATG 393  
 Db 457 CCATCTCGACTGCTTTTCTTATCTATCTCCCATGTTGGGCTCACTCTGCTGCAATG 516  
 QY 394 AGTGGGTCTTTGGGAATCAATGTCAAATTTACAGAGGCTGTATCACTCGGTATT 453  
 Db 517 AGTGGGACTTTGGGAATCAATGTCAAATTTACAGAGGCTGTATCACTCGGTATT 576  
 QY 454 TTGGGGGAATCTTTTCATCATCCCTGACATCATGATGATACCTGGCTATTTGCCATG 513  
 Db 577 TCTCTGGAATCTTTTCATCATCCCTGACATCATGATGATACCTGGCTATTTGCCATG 636  
 QY 514 CTGTGTTTGTCTTAAAGCCAGGAGGTCACCTTTGGGGTGTGACAACTGTGATCACT 573  
 Db 637 CTGTGTTTGTCTTAAAGCCAGGAGGTCACCTTTGGGGTGTGACAACTGTGATCACT 696  
 QY 574 GGTGTGGTCTGTTGTTGTTCTGTCCTCCAGGAATCATCTTTACTAATGCCAGAAAG 633  
 Db 697 GGTGTGGTCTGTTGTTGTTCTGTCCTCCAGGAATCATCTTTACTAATGCCAGAAAG 756  
 QY 634 ATTCTGTTTATGTTGTGGCCCTTAATTTTCCA-----CGAGGATGGAATAAT 681  
 Db 757 GTCTTCATTACACCTGACCTCTCACTTTTCCATACAGTCAATGATCAATTTGGAAGAA 816  
 QY 682 TCACACAAATATGAGGAACATTTTGGGGCTGGTCTGCGCTGCTCATCATGTTGATCT 741  
 Db 817 TCACACAAATATGAGGAACATTTTGGGGCTGGTCTGCGCTGCTCATCATGTTGATCT 876  
 QY 742 GGTACTCGGGAATCTGAAACCCCTGCTCGGTGTCGAACAGAGAGAGGATAGGG 801  
 Db 877 GGTACTCGGGAATCTGAAACCCCTGCTCGGTGTCGAACAGAGAGAGGATAGGG 936  
 QY 802 CAGTGAAGTCACTTCCACCATCATGATTTTCTTCTTCTGACATCTGATGATCAACA 861  
 Db 937 CTGTGAGGCTTATCTTCCACCATCATGATTTTCTTCTTCTGACATCTGATGATCAACA 996  
 QY 862 TTGTGATTTCTTGAACACCTTCCAGAAATTTTGGCCCTGAGTAACTGTAAGACCA 921  
 Db 997 TTGTGATTTCTTGAACACCTTCCAGAAATTTTGGCCCTGAGTAACTGTAAGTACTA 1056  
 QY 922 GTCACTGGACCAACGACGAGTGTGACAGAGACTCTTTGGGATGACTCACTGCTGCATCA 981

Db 1057 ACAGTTGGACCAAGCTATGTCAGGTGACAGAGACTTTGGGATGACGACTGCTGCATCA 1116  
 QY 982 ATCCCATCATCTATGCTTCTGTTGGGAGAGTTTCAGAGGATATCTCTCGGTGTTCTTCC 1041  
 Db 1117 ACCCATCATCTATGCTTCTGTTGGGAGAGTTTCAGAGGATATCTCTCGGTGTTCTTCC 1176  
 QY 1042 GAAAGCATCATCAAGAGGCTTCTGCAAAATGTCAGTTCCTACAGGAGAGAGTGG 1101  
 Db 1177 AAAAGCATCATCAAGAGGCTTCTGCAAAATGTCAGTTCCTACAGGAGAGAGTGG 1236  
 QY 1102 ATGGAGTGAATTCACAAACACGCTTCTCCACTGGGAGAGAGGATCTCGGCTGTTTAT 1161  
 Db 1237 AGCGAGCAAGCTCAGTTTACACCCGATCCACTGGGAGAGAGGATATCTCTGGGCTTGT 1296  
 QY 1162 AAAAGCATCATCAAGAGGCTTCTGCAAAATGTCAGTTCCTACAGGAGAGAGTGG 1184  
 Db 1297 GACAGGACTCAAGTGGGCTGGT 1319

RESULT 11  
 US-09-938-703-2  
 ; Sequence 2, Application US/09938703  
 ; Patent No. US20020110870A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SAMSON, MICHEL  
 ; PARMENTIER, MARC  
 ; VASSART, GILBERT  
 ; LIBERT, FREDERICK  
 ; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
 ; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR  
 ; NUMBER OF SEQUENCES: 17  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Knobbe, Martens, Olson & Bear  
 ; STREET: 620 Newport Center Drive 16th Floor  
 ; CITY: Newport Beach  
 ; STATE: CA  
 ; COUNTRY: U.S.A.  
 ; ZIP: 92660  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/938,703  
 ; FILING DATE: 24-Aug-2001  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/626,939  
 ; FILING DATE: 2000-07-27  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Altman, Daniel E  
 ; REGISTRATION NUMBER: 34,115  
 ; REFERENCE/DOCKET NUMBER: <Unknown>  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1477 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 240..1295  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 ; US-09-938-703-2

Query Match 35.5%; Score 703.4; DB 10; Length 1477;  
 Best Local Similarity 80.5%; Pred. No. 3.1e-201;  
 Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTGTCTCCCTGTGTCATTAATTTGAGTGAAGCAAAATTTGGGGCCCAACTCC 213





Db 512 GGCTGGTGGCTGTGTGGCTCTCTCCAGGAATCATCTTTACAGATCTCAAAAGAG 571  
QY 634 ATTCTGTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATAAT 681  
Db 572 GTCTTCATTACAGCTGAGCTCTCAATTTCCATACAGTCAAGTATCAATTCGGAGAT 631  
QY 682 TCCACACAATAAGAGGAACATTTTGGGGCTGGTCTCCGCTGCTCATCATGCTCATCT 741  
Db 632 TCCAGACATTAAGATAGTATCTTTGGGGCTGGTCTCCGCTGCTTGTATGCTCATCT 691  
QY 742 GCTACTCGGGAATCCCTGAAACCTCTGCTGGGTGTGAAACGAGAGAGAGGATAGG 801  
Db 692 GCTACTCGGGAATCCCTGAAACCTCTGCTGGGTGTGAAACGAGAGAGGATAGG 751  
QY 802 CAGTGAAGTATCTTCCAGCATCATGATTTTACTTTCTTCTTCTTCTTCTTCTTCTTCT 861  
Db 752 CTGTGAGGCTTATCTTCCATCATGATTTTATTTTCTTCTTCTTCTTCTTCTTCTTCT 811  
QY 862 TTGTCTATCTCTGAAACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCA 921  
Db 812 TTGTCTCTCTGAAACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGACCA 871  
QY 922 GTCACTGACCAAGCCAGGTCAGAGACTCTTGGGATGACTCACTGCTGCATCA 981  
Db 872 ACAGGTTGGACCAAGTATGAGGTCAGAGACTCTTGGGATGAGCACTGCTGCATCA 931  
QY 982 ATCCCATCATCTATGCTGTTGGGAGAGTTCAGAGGATCTCTCGGTGCTTCTCC 1041  
Db 932 ACCCATCATCTATGCTGTTGGGAGAGTTCAGAGGATCTCTCGGTGCTTCTCC 991  
QY 1042 GAAAGCACATCAACAGCCTCTGCAACAATGTCCAGTTTCTTCTTCTTCTTCTTCTTCT 1101  
Db 992 AAAAGCACATTCGCAACCTCTGCAACAATGTCTTCTTCTTCTTCTTCTTCTTCTTCT 1051  
QY 1102 ATGGAGTCACTCAACAACAGCCTTCCACTGGGAGAGGAGTCTCGGCTGGTTAT 1161  
Db 1052 AGCGAGCAAGTCACTTACACCCGATCCACTGGGAGAGGAGTATCTGTGGCTGT 1111  
QY 1162 AAAAGCAGGAGGAGTGTGATCT 1184  
Db 1112 GACACGGACTCAAGTGGGCTGT 1134

## RESULT 14

US-09-813-653-16  
; Sequence 16, Application US/09813653  
; Patent No. US20020064770A1  
; GENERAL INFORMATION:  
; APPLICANT: Nestor, John  
; APPLICANT: Wilson, Carol  
; APPLICANT: See, Raymond  
; APPLICANT: Tan Hehir, Christina  
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds  
; FILE REFERENCE: CNS-005  
; CURRENT APPLICATION NUMBER: US/09/813,653  
; CURRENT FILING DATE: 2001-03-20  
; PRIOR APPLICATION NUMBER: US 60/190,946  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/190,996  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/191,299  
; PRIOR FILING DATE: 2000-03-21  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 16  
; LENGTH: 1225  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (27)..(1085)  
US-09-813-653-16

Query Match 35.5%; Score 701.8; DB 10; Length 1225;  
Best Local Similarity 80.4%; Pred. No. 8.4e-201;  
Matches 839; Conservative 0; Mismatches 192; Indels 12; Gaps 1;  
QY 154 ATTATGATACGGTCTCCCTGTCAATAAATTTGACCTGAGCAAAATTTGGGCGCCCACTCC 213  
Db 64 ATTATATACATCGGAGCCCTGCCAAAAAATCAATGTGAAGCAAAATCGCAGCCGCTCC 123  
QY 214 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTGGTGTGTTGGGCAACATGCTGGTCTCC 273  
Db 124 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTGGTGTGTTGGGCAACATGCTGGTCTCC 183  
QY 274 TCATCTTAATAAAGCTCAAAAGCTGCAAGTGTGACTGACATTTACCTCTCAACCTGG 333  
Db 184 TCATCCAGATAAATGCAAAAGCTGCAAGAGCATGACTGACATCTACCTGCTCAACCTGG 243  
QY 334 CCACTCTGATCTGCTTTTCTTATTAATCTCTCCATTTGGGCTCACTCTGCTGCAAAATG 393  
Db 244 CCATCTCTGACCTGTTTCTTCTTACTGTCCCTTCTGGGCTCACTATGCTCGCCGCC 303  
QY 394 AGTGGTCTTTGGGAATGCAATGTGCAAAATTTACAGGCTGTATTCACATCGGTATTT 453  
Db 304 AGTGGGACTTTGGAAATGCAATGTGCAAAATTTACAGGCTGTATTTATAGGCTTCT 363  
QY 454 TTGGCGGAATCTTCTTCAATCTCTGCAAAATTTACAGGCTGTATTTACATCGGTATTT 513  
Db 364 TCTCTGGAATCTTCTTCAATCTCTGCAAAATTTACAGGCTGTATTTATAGGCTTCT 423  
QY 514 CTGTGTTTGGCTTTAAAGCCAGGAGTCACTTTGGGCTGTGCAAAATTTACATCGGTATTT 573  
Db 424 CTGTGTTTGGCTTTAAAGCCAGGAGTCACTTTGGGCTGTGCAAAATTTACATCGGTATTT 483  
QY 574 GGTGTTGGCTGTGTTTCTTCTGCTGCAAAATTTACAGGCTGTATTTACATCGGTATTT 633  
Db 484 GGTGTTGGCTGTGTTTCTTCTGCTGCAAAATTTACAGGCTGTATTTACATCGGTATTT 543  
QY 634 ATTCTGTTTATGCTGTGGGCTTATTTTCCA-----CGAGGATGGAATAAT 681  
Db 544 GTCTTCAATACAGCTGAGCTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAATTT 603  
QY 682 TCCACACAATAAGAGGAACATTTTGGGCTGGTCTCCGCTGCTCATCTGCTCACTCT 741  
Db 604 TCCAGACATTAAGATAGTCACTTGGGCTGGTCTCCGCTGCTGTGCTGGTCACTCT 663  
QY 742 GCTACTCGGGAATCTTAAACCTGCTTCCGCTGTGCAAAAGAGAGAGGATAGG 801  
Db 664 GCTACTCGGGAATCTTAAACCTGCTTCCGCTGTGCAAAAGAGAGAGGATAGG 723  
QY 802 CAGTGAAGTCACTTCTCAACATCATGATTTTACTTTCTTCTTCTTCTTCTTCTTCTTCT 861  
Db 724 CTGTGAGGCTTATCTTCCATCATGATTTTATTTTCTTCTTCTTCTTCTTCTTCTTCT 783  
QY 862 TTGTCTATCTCTGAAACCTTCCAGGAATTTTCCGCTGAGTAACTGTGAAACCA 921  
Db 784 TTGTCTATCTCTGAAACCTTCCAGGAATTTTCCGCTGAGTAACTGTGAGTACTCTA 843  
QY 922 GTCAACTGGACCAAGCCAGTGTGAGAGACTTTGGGATGACTCACTGCTGCTATCA 981  
Db 844 ACAGGTTGGACCAAGCTATGCAAGTGTACAGAGACTTTGGGATGAGCACTGCTGCTATCA 903  
QY 982 ATCCCATCATCTATGCTTCTGTTGGGAGAGTTCAGAGGATCTCTCGGTGTTCTTCC 1041  
Db 904 ACCCATCATCTATGCTTCTTCTGGGAGAGTTCAGAGGATCTCTTCTTCTTCTTCTTCT 963  
QY 1042 GAAAGCACATCAACAGGCTTCTGCAACAATGTCCAGTTTCTTCTTCTTCTTCTTCTTCT 1101  
Db 964 AAAAGCACATTCGCAACCTTCTGCAAAATGTCTTCTTCTTCTTCTTCTTCTTCTTCT 1023  
QY 1102 ATGGAGTCACTCAACAACAGCCTTCTTCCACTGGGAGAGGAGTCTCGGCTGGTTAT 1161  
Db 1024 AGCGAGCAAGTCAAGTTTACACCCGATCCACTGGGAGAGGAGGAAATATCTGTGGCTGT 1083  
QY 1162 AAAAGCAGGAGGAGTGTGATGT 1184

Db 1084 GACACGGACTCAAGTGGCTGCT 1106

RESULT 15

US-10-232-686-1  
; Sequence 1, Application US/10232686  
; Publication No. US20030023044A1

; GENERAL INFORMATION:  
; APPLICANT: Li, Yi

; APPLICANT: Ruben, Steven M.

; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10

; FILE REFERENCE: 1488.115000N

; CURRENT APPLICATION NUMBER: US/10/232,686

; CURRENT FILING DATE: 2002-09-03

; PRIOR APPLICATION NUMBER: 09/339,912

; PRIOR FILING DATE: 1999-06-25

; PRIOR APPLICATION NUMBER: 09/195,662

; PRIOR FILING DATE: 1998-11-18

; PRIOR APPLICATION NUMBER: 08/466,343

; PRIOR FILING DATE: 1995-06-06

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1

; LENGTH: 1414

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (259)..(1314)

US-10-232-686-1

Query Match 35.5%; Score 701.8; DB 9; Length 1414;  
Best Local Similarity 80.4%; Pred. No. 9.3e-201;  
Matches 839; Conservative 0; Mismatches 192; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTCTGCTGTCATATAATTTGACGTGAAGCAAAATTTGGGGCCCAACTCC 213

Db 296 ATTATTATACATCGGAGCCCTGCCAAAATCAATGTGAAGCAAAATCGCAGCCGCTCC 355

QY 214 TGCGTCCGCTACTCGCTGGTGTTCATCTTTGGTTTTGGGCAACATGCTGGTCTGCTC 273

Db 356 TGCGTCCGCTACTCGCTGGTGTTCATCTTTGGTTTTGGGCAACATGCTGGTCTGCTC 415

QY 274 TCATCTTAATAACTGCAAAAGCTGAAGTGTGCTGACATTTACCTGCTCAACCTGG 333

Db 416 TCATCTGATAACTGCAAAAGCTGAAGATGATGATGATGATGATGATGATGATGATG 475

QY 334 CCATCTCTGATCTGCTTTTCTTTATTACTCTCCATTGTTGGGCTCACTCTGCTGCAAAATG 393

Db 476 CCATCTCTGATCTGCTTTTCTTTATTACTCTCCATTGTTGGGCTCACTCTGCTGCAAAATG 535

QY 394 AGTGGTCTTTGGGAATGCAATGTCATAATTTACAGGGCTGTATCATCATCGGTTATT 453

Db 536 AGTGGGACTTTGGAAATACAATGTCAACTCTTGACAGGGCTCTATTTTATAGGCTTCT 595

QY 454 TTGGGGAAATCTTCTTCATCATCTCTCTGACATGATAGATACCTGGCTATTGTCATG 513

Db 596 TCTCTGGAATCTTCTTCATCATCTCTCTGACAAATGATAGTACCTGGCTGCTGCTCATG 655

QY 514 CTGTGTTTGGCTTTAAAGCCAGGAGCTCACTTTGGGGTGGTGACAAATGATGATCACT 573

Db 656 CTGTGTTTGGCTTTAAAGCCAGGAGCTCACTTTGGGGTGGTGACAAATGATGATCACT 715

QY 574 GGTGTGGT 633

Db 716 GGTGTGGT 775

QY 634 ATTCTGTTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATATT 681

Db 776 GTCTTCATTACACGTCTCATTTCCATACAGTCAATCAATTTCTGGGAAGATT 835

QY 682 TCCACACAATAATGAGGAACATTTTGGGGTGGTCTGCTGCTGCTGCTGCTGCTGCTGCT 741

Db 836 TCCACACATTAAGATAGTCACTTGGGGCTGGTCTCGCGCTGCTTGTGTCATGGTCATCT 895

QY 742 GCTACTCGGGAATCCTGAAACCCCTGCTTGGTGTGCGAAACGAGAGAGAGAGGATAGGG 801

Db 896 GCTACTCGGGAATCCTGAAACCCCTGCTTGGTGTGCGAAACGAGAGAGAGAGGATAGGG 955

QY 802 CAGTGAAGTCACTTCCACATCATGATGTTTACTTCTTCTGAGTCCCTATAACA 861

Db 956 CTGTGAGGCTTATCTTCCACATCATGATGTTTACTTCTTCTGAGTCCCTATAACA 1015

QY 862 TTGTCTATCTCTCTGAAACACCTTCCAGGAATTTCTCGGCTGAGTAACTGTGAAAGCACCA 921

Db 1016 TTGTCTCTCTCTGAAACACCTTCCAGGAATTTCTCGGCTGAGTAACTGTGAGTAACT 1075

QY 922 GTCAACTGGACCAAGCCAGGAGTACAGAGACTCTTGGGATGACTCACTGCTGATCA 981

Db 1076 ACAGGTTGGACCAAGCTATGAGGTGACAGAGACTCTTGGGATGAGTCACTGCTGATCA 1135

QY 982 ATCCCATCATCTATGCTTTCGTTGGGAGAGTTCAAGAGGTATCTCTCGGTTCTTCTTCC 1041

Db 1136 ACCCATCATCTATGCTTTCGTTGGGAGAGTTCAAGAGGTATCTCTCGGTTCTTCTTCC 1195

QY 1042 GAAAGCACATCACCAAGCGCTTCTGCAAAACAAATGTCCAGTTTCTACAGGGAGACAGTGG 1101

Db 1196 AAAAGCACATTGCAAAACGCTTCTGCAAAACAAATGTCCAGTTTCTACAGGGAGACAGTGG 1255

QY 1102 ATGGAGTGAATCAACAAACACGCTTCCACTGGGAGAGAGTCTCGGCTGGTGTAT 1161

Db 1256 AGCGAGCAAGTCAAGTTTACACCCGATCCACTGAGGAGGAGAAATATCTGTGGGCTGT 1315

QY 1162 AAAACGAGGAGCAGTTTGTATTGT 1184

Db 1316 GACACGAGTCAAGTGGGCTGGT 1338

Search completed: June 1, 2003, 20:21:15  
Job time : 385.669 secs

